

### ABSTRACT OF THE DISCLOSURE

This invention provides systems and methods for monitoring and reporting a quick access recorder (QAR) data in real-time. The system includes a quick access recorder for recording a fault information, a removable, portable hardware that stores and displays real-time the fault information, an onboard data communication network that enables the quick access recorder and the portable hardware to exchange information, and an air-ground data transmitting device for transmitting the fault information. The hardware component hosts a QAR application that uses Electronic Flight Bag (EFB) and communication technologies to manage all applications on the EFB.